



**King County
International Airport**

Department of
Construction & Facilities Management
P.O. Box 80245
Seattle, WA 98108
(206) 296-7380
(206) 296-0100 TDD
(206) 296-0190 FAX

FAX TRANSMITTAL SHEET

DATE: 11-30-98

NO. OF PAGES INCLUDING COVER: 4

NAME COMPANY FAX NUMBER:
TO: Peter Hogan TPS 206 938 1576

CC: _____

FROM: JEFF WINTER PHONE: 206-296-7425 FAX: 206-296-7385
AIRPORT ENGINEER

SUBJECT: NE T-Hangars soils

ADDITIONAL COMMENTS:

Here's the Soil Data & Certification Sheet & analytical results
for contaminated soil which we want to bring to you
on Dec 1, 1998.
Please confirm ASAP if this can happen for tomorrow
so I can confirm with trucking company.

ORIGINAL TO FOLLOW IN MAIL _____



Tacoma, WA
Soil Recycling Facility

TS TECHNOLOGIES INC.

Soil Data and Certification Sheet

Date: 11.30.98

GENERATOR: King County Airport
Mailing Address: PO Box 80245
Seattle WA 98108
Contact: Jeff Winter
Phone: (206) 296 7425
Fax: (206) 296 7385
SITE NAME: K.L. Airport - NE T-Hangers
Street Address: 6600 Perimeter Road S
Seattle WA 98108
Contact: same
Phone: ()
Fax: ()

CONSULTANT: Olympus Environmental
Address: 8647 S 212th St
Kent WA 98031
Contact: Jim Bunter
Phone: (253) 735-6625
Fax: (253) 395-1170
TRANSPORTER: Shear Transport
Address: 26719 SR 410 E
Buckley WA 98321
Contact: Butch Eaton
Phone: (360) 829 9100
Fax: (360) 829 4123

Site History

Type of contamination (gas, diesel, used oil, coal tar, etc) heavy oil/diesel Estimated quantity in tons: 500
How did soil contamination occur? unknown, discovered during geotechnical boring work.

Source of Contamination: ☐ UST ☐ AST ☐ SPILL ☐ EMERGENCY RESPONSE ☒ OTHER unknown
Name of Testing Lab: Sound Analytical Services Contact: Phone: 253-922-2310
How and where at site were samples taken? taken by Olympus on bottom & sidewall of hole

Please check appropriate box below and attach all required analytical reports, including test methodologies used. Unless otherwise noted, discrete grab samples should be collected with the following frequency: Three samples for the first 150 tons; five samples for 750 tons or less, seven samples for 1500 tons or less, ten samples for 3000 tons or less, and one additional sample for each 750 additional tons.

☐ I certify that the soil referenced herein is contaminated solely by virgin petroleum products from leaking underground storage tank(s).

Attach analysis for the following:

1. Total petroleum hydrocarbons (WTPH-G, WTPH-D, 418.1)
2. Benzene/ toluene/ ethylbenzene/ xylene (Method 8020 BTEX for gasoline soils only)
3. Total lead (Method 6010, 7420, or 7421 for gasoline soils only)

☐ I certify that some or all of the contaminants in the soil referenced herein is used oil or some other non-virgin petroleum product, or virgin petroleum or hydrocarbon product from a leaking above-ground storage tank or spill.

Attach analysis for the following:

1. Total petroleum hydrocarbons (WTPH-G, WTPH-D, or WTPH - 418.1 Modified)
2. Benzene/ toluene/ ethylbenzene/ xylene (Method 8020 BTEX for gasoline soils only)*
3. Halogenated Volatile Organics (Method 8010, 8021, or 8240)
4. Pesticides and PCB's (Method 8080)

5. Total metals concentration for (a) through (h): *
- | | | |
|-------------|--------------|--------------|
| (a) arsenic | (d) chromium | (g) selenium |
| (b) barium | (e) lead | (h) silver |
| (c) cadmium | (f) mercury | |

* If elevated benzene and total metal concentrations are detected, additional analyses for TCLP benzene and TCLP metals may be required.

No soils referenced herein may be delivered until this certificate is received and approved by TPST, and TPST issues manifest(s) and assigns a delivery date. If any soils delivered to TPST are found to be "hazardous waste" pursuant to federal regulations or "dangerous waste" pursuant to state regulations, Client shall be solely responsible for their removal. If Client fails to so remove such soils, TPST, acting as Client's agent, may arrange for such removal at Client's expense.

This is a complete and accurate description of the soil referenced herein; no deliberate or willful omissions have been made and all known or suspected hazards have been disclosed herein. I further hereby certify that the soil is not "hazardous" or "dangerous" as defined by U.S. Environmental Protection Agency (EPA), State of Washington, or local regulations, and that no other knowledge concerning other TCLP constituents have been withheld. I further certify that the soils referenced herein contain no free liquids. All required analysis reports are attached.

Generator/Owner Authorized Signature: Jeffrey W. Winter Date: 11.30.98

Print Name: Jeffrey W. Winter Title: Airport Engineer

Revised 02/16/95

KCSlip4 35926

SEA402471

SOUND ANALYTICAL SERVICES, INC.

Summary of Results for Sound Analytical Services Laboratory Number 77075

SAS Sample #	Client Sample ID	Date Received	Date Prepared	Date Analyzed	Matrix	% Solids	Parameter	Result	POL	Flags	Units
77075-01	8195-1	11/16/98	11/19/98	11/21/98	solid	85.84	Diesel (>nC12-nC24) Motor Oil (>nC24-nC32)	71 420	22 44	X1	mg/kg mg/kg
77075-02	8195-2	11/18/98	11/19/98	11/21/98	solid	83.02	Diesel (>nC12-nC24) Motor Oil (>nC24-nC32)	69 420	22 44	X1	mg/kg mg/kg
77075-03	8195-3	11/18/98	11/19/98	11/19/98	solid	74.31	Diesel (>nC12-nC24) Motor Oil (>nC24-nC32)	ND ND	25 49		mg/kg mg/kg
77075-04	8195-4	11/16/98	11/19/98	11/19/98	solid	72.72	Diesel (>nC12-nC24) Motor Oil (>nC24-nC32)	ND 130	27 53		mg/kg mg/kg
77075-05	8195-5	11/18/98	11/19/98	11/20/98	solid	88.18	Diesel (>nC12-nC24) Motor Oil (>nC24-nC32)	160 1180	110 220	X1	mg/kg mg/kg
77075-06	8195-6	11/16/98	11/19/98	11/21/98	solid	84.21	Diesel (>nC12-nC24) Motor Oil (>nC24-nC32)	110 510	24 47	X1	mg/kg mg/kg

X1 = Chromatogram suggests this might be heavy oil.

West
wall
South
wall

East
wall
South
wall

P.02
MAY 20 07:26 AM '98

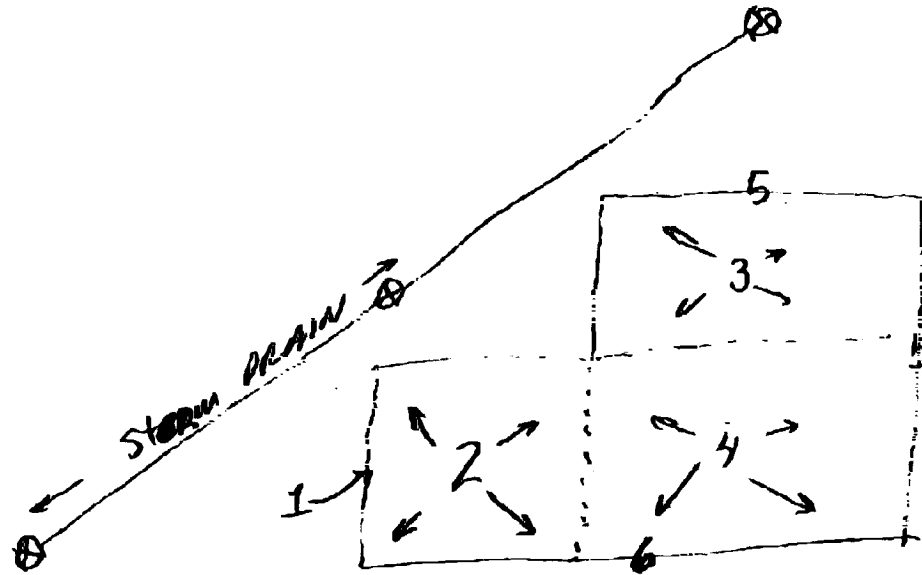
0 JUN 11 11:00 AM '98

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SEA402472

- 1 West side wall 100000 011 420 ppm
 2 West Floor 420 ppm
 3 Clean
 4 < 200 ppm
 5 East and North side wall 1,100 ppm
 6 South side wall 500 ppm

Existing Bld.



N

NOT TO SCALE

KCIA
 Soil Excavation
 Sample Location
 w/ Results
 11/24/98
 Olympus Environmental

NOV 24 '98 07:09AM

NOV 24 '98 07:26AM KING COUNTY INTL

KCSlip4 35928

SEA402473

John Amico

Ken Capos Flying Club

8846 SE 59th St

Mercer Isl 98040